

IN THE SPECIFICATION:

Replace page 2 of the specification with page 2 annexed to the accompanying International Preliminary Examination Report (Form PCT/IPEA/409); and

Insert the following Abstract at the appropriate location:

– An apparatus (2) for measuring electrical conductivity in a material has a pair of electrically conducting elements (6), a first electrical conductor (9) coupled to the electrically conducting elements and coupling a first transformer core (10) and second transformer core (12) to form a first current loop (8), and a second electrical conductor (17) of known resistance coupling the second transformer core (12) and a third transformer core (14) to form a second current loop (16). –